



## KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM



### PERMIT APPLICATION

A complete application consists of this form and Form 1.  
For additional information, contact: KPDES Branch, (502) 564-3410.

NAME OF FACILITY:									
I. FACILITY DISCHARGE FREQUENCY					AGENCY USE		0 0 7 7 8 7 9		
A. Do discharge(s) occur all year? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> (Complete Item IX for intermittent discharges.)									
B. How many days per week?					7				
II. A. Give the basis of design for sizing of the wastewater facility (see instructions):  To serve a population of approximately 250									
B. If new discharger, indicate anticipated discharge date:									
C. Indicate the design capacity of the treatment system:					<del>12,000</del> MGD .012				

### III. Outfall Location (see instructions)

Outfall (list)	LATITUDE			LONGITUDE			RECEIVING WATER (name)
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	
001	37	45	57	86	54	57	U.T. to Joe's Branch

Method used to obtain latitude/longitude (i.e. GPS unit, USGS topographic map coordinates, etc.)	
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#### IV. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES (see instructions)

If wastewater other than domestic or sanitary is listed, complete page 4 in addition to page 1 and 2.

OUTFALL NO. (list)	OPERATION(S) CONTRIBUTING FLOW		TREATMENT	
	Operation (list)	Avg/Design Flow (include units)	List treatment components	List Codes from Table SC-1
001	Wastewater Treatment Plant	12,000 GPD	Aerobic Treatment	1-U
		1.012MGD		2-F
				2-E
				3-A
				3-m
				4-A
				5-A
				5-L 5-Q

#### V. Check the type(s) of wastewater discharged.

- ☒ Domestic (60% or more sanitary sewage)
 ☐ Oil field waste  
☐ Noncontact cooling water
 ☐ Other (list):

#### VI. Does all water used at facility (except for human consumption) flow to a treatment plant? ☒ Yes ☐ No

#### VII. Discharge to other than surface waters. Check appropriate location:

- ☐ Publicly-owned lake or impoundment Name of lake:  
☐ Publicly-owned treatment works (POTW). Name of POTW:  
☐ Land application of Effluent  
☐ Surface injection (Check term and identify on map) ☐ lateral field; ☐ sinkhole; ☐ sinking stream; ☐ deep well  
☐ Closed Circuit (Check appropriate term) ☐ Holding tank; ☐ Mechanical evaporation; ☐ Waste impoundment

#### VIII. Check the metals present in the discharge if applicable and indicate the quantity discharged per year. (Indicate units).

<input type="checkbox"/>	Antimony	NOT
<input type="checkbox"/>	Arsenic	Expected
<input type="checkbox"/>	Beryllium	to Be
<input type="checkbox"/>	Cadmium	Present
<input type="checkbox"/>	Chromium	

<input type="checkbox"/>	Copper	
<input type="checkbox"/>	Lead	
<input type="checkbox"/>	Mercury	
<input type="checkbox"/>	Nickel	
<input type="checkbox"/>	Selenium	

<input type="checkbox"/>	Silver	
<input type="checkbox"/>	Thallium	
<input type="checkbox"/>	Zinc	
<input type="checkbox"/>		
<input type="checkbox"/>		

**IX. INTERMITTENT DISCHARGES (Complete this section for intermittent discharges.)**

A. Number of bypass points:

0

(If bypass points are indicated, information below must be completed for each bypass.)

Check when bypass occurs:	<input type="checkbox"/> Wet Weather	<input type="checkbox"/> Dry Weather
Give the number of bypass incidents	per year	per year
Give average duration of bypass	hours	hours
Give average volume per incident	1,000 gallons	1,000 gallons
Give reason why bypass occurs:		

B. Number of Overflow Points:

(If discharge is from an overflow point, the information below must be completed.)

Check when overflow occurs:	<input type="checkbox"/> Wet Weather	<input type="checkbox"/> Dry Weather
Give the number of overflow incidents:	per year	per year
Give average duration of overflow:	hours	hours
Give average volume per incident:	1,000 gallons	1,000 gallons

C. Number of seasonal discharge points

Give the number of times discharge occurs per year	
Give the average volume per discharge occurrence	(1,000 gallons)
Give the average duration of each discharge	(days)
List month(s) when the discharge occurs	

**X. AREA SERVED (see instructions)**

NAME	ACTUAL POPULATION SERVED
St. Williams' Church,	250
School & Care Home	
<b>TOTAL POPULATION SERVED</b>	250

(PLEASE COMPLETE THIS PAGE IF OTHER THAN DOMESTIC WASTEWATER IS DISCHARGED)

**XI. COOLING WATER ADDITIVES AND THEIR COMPOSITIONS**

Additive	Composition	Concentration (mg/l)

**XII. EFFLUENT CHARACTERISTICS**

A. Indicate results of analysis for pollutants listed below.

POLLUTANT/PARAMETER	MAX DAILY VALUE	AVG DAILY VALUE	NUMBER OF SAMPLES
BOD <sub>5</sub>	4 mg/L	3 mg/L	4
TOTAL SUSPENDED SOLIDS	8 mg/L	5.25 mg/L	4
FECAL COLIFORM	10 CFU/100 mL	4.75 CFU/100 mL	4
TOTAL RESIDUAL CHLORINE	BDL	BDL	BDL
OIL AND GREASE	Lower than 1.6	Lower than 1.6	1
CHEMICAL OXYGEN DEMAND	Request waiver		
TOTAL ORGANIC CARBON	Request waiver		
AMMONIA	1.04 mg/L	.737 mg/L	4
DISCHARGE FLOW	.00686 MGD	.00595 MGD	4
pH	7.38 SU	7.15 SU	4
TEMPERATURE (WINTER)	18.7°C	14.55°C	2
TEMPERATURE (SUMMER)	24.1°C	21.3°C	2

B. Frequency and duration of flow:

Continuous

**XIII. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME AND OFFICIAL TITLE (type or print):

Patricia Mattingly Administrator

SIGNATURE

Patricia Mattingly, adm

TELEPHONE NUMBER (area code and number):

270-281-4881

DATE

12-16-08